I CLAIM:

1. A press assembly comprising:

a first moveable platen member and associated first drive mechanism that moves the first moveable platen member in a first direction toward a first fixed platen member,

a second moveable platen member and associated second drive mechanism that moves the second platen member in a second direction toward a second fixed platen member,

a workpiece having at least two non-parallel glue lines, one of the glue lines being oriented perpendicular to the first direction and the other glue line being oriented perpendicular to the second direction, and

a control mechanism that actuates the first and second drive mechanisms to press simultaneously the first and second platen members towards the first and second fixed platen members, respectively.

2. The press assembly of claim 1, wherein the first direction is substantially perpendicular to the second direction.

3. The press assembly of claim 1, wherein the drive mechanisms cause each of the first and second platens to apply a force of at least about 10,000 pounds.

4. The press assembly of claim 1, wherein the drive mechanisms include air-powered actuators.

5. A press assembly for pressing an article having a top, bottom and two sides, comprising

a workpiece having at least two non-parallel glue lines,

a frame,

a platen assembly connected to the frame configured to clamp the article exerting forces generally perpendicular to each glue line simultaneously.

6. The press assembly of claim 5 further comprising a heating device configured to apply heat to adjacent sides of the article.

7. The press assembly of claim 5, wherein the platen assembly includes moveable platens driven by air-powered actuators toward fixed platens.

8. A method of forming a wood product comprising

providing a core having first and second adjacent sides,

applying a first sheet to the first side of the core, and a second sheet to the second side of the core,

placing the core and the sheets into a press having a first platen that is moveable in a direction perpendicular to the first side of the core, and a second platen that is moveable in a direction perpendicular to the second side of the core, and

actuating the first and second platens to press the first and second sheets against the first and second sides of the core simultaneously.

9. The method of claim 8 further comprising

applying glue between the sheets and the core before the placing step.

10. The method of claim 8, wherein each sheet comprises veneer.

11. The method of claim 9, wherein the glue comprises a thermosetting resin.

12. The method of claim 8, wherein the first and second sheets are connected by a hinge structure.

13. The method of claim 8, wherein the first direction is substantially perpendicular to the second direction.

14. The method of claim 8, wherein each of the first and second platens applies at least approximately 10,000 pounds of pressure.

15. The method of claim 8, wherein the actuating step is carried out by air-powered actuators.